

FINAL will include True/False, Matching, Multiple Choice and Short-Answer. You will be expected to write small web-pages in HTML, and a small program in Processing **on paper**.

The main difference between the Core Class and this class is in the **Programs** section in the Core Review sheet. Instead of using Javascript with a HTML page, we used Processing to learn about programs.

You'll also see that the sample questions on the Review are in Javascript. I will be asking similar questions, but relevant to what we did in Processing in the class.

Topics	Lecture / Lab / Chapter
Drawing with Processing Difference between set-up and draw, line, rect, and ellipse. How to draw something in color.	D1
Mouse Events and Conditionals Mouse variables mousePressed, mouseX, and mouseY Conditionals, and an if statement Creating a Button by using a Complex Conditional (using Boolean AND, OR)	D3, E1
Variables Types of variables: difference between an integer and a Boolean Create a variable in Processing Use the variable to store a value Display a value of the variable with println Use the variable in a drawing function, line, rect, or ellipse Use that variable to create an animation	E3
Loops Difference between a condition and unconditional loop Using a while() loop, and how the loop variable changes Telling if a while() loop will be infinite	F1
Functions Why do programmers use functions?	F3